



9730 PATUXENT WOODS DRIVE
SUITE 300
COLUMBIA, MD 21046

CERTIFICATE OF ANALYSIS
MMCC LICENSE #: L-19-00001

SAMPLE INFORMATION



Sample Information	
Sample ID	0000308
Accession Date	2020-01-06
Customer Account	Meadow Mountain Hemp
Product Name	BOAX hemp flower
Sample Type	Flower
Carrier Type	Flower
Compliance Sample (Yes/No)	False
Lot/Batch Number	001
Sample Weight/Volume	12.07
Density	1.000
Moisture Correction (%)	7.29%
Water Activity	0.519



CANNABINOID ANALYSIS

0.112% D9-THC %	0.691% Total THC %	19.596% Total CBD %	237.173 mg/g Total Cannabinoids	2864.101 mg Total Cannabinoids per Sample
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Cannabinoids Analysis

Component	LOD	LOQ	Amount	Unit of Measurement
CBD	0.005	0.01	6.222	mg/g
CBDV	0.005	0.01	ND	mg/g
CBDVA	0.005	0.01	1.202	mg/g
CBC	0.005	0.01	0.487	mg/g
CBDA	0.005	0.01	216.351	mg/g
CBGA	0.005	0.01	4.094	mg/g
CBG	0.005	0.01	ND	mg/g
CBN	0.005	0.01	ND	mg/g
D8-THC	0.005	0.01	1.089	mg/g
D9-THC	0.005	0.01	1.123	mg/g
THCA	0.005	0.01	6.603	mg/g
THCV	0.005	0.01	ND	mg/g

Breakdown of Detected Cannabinoids

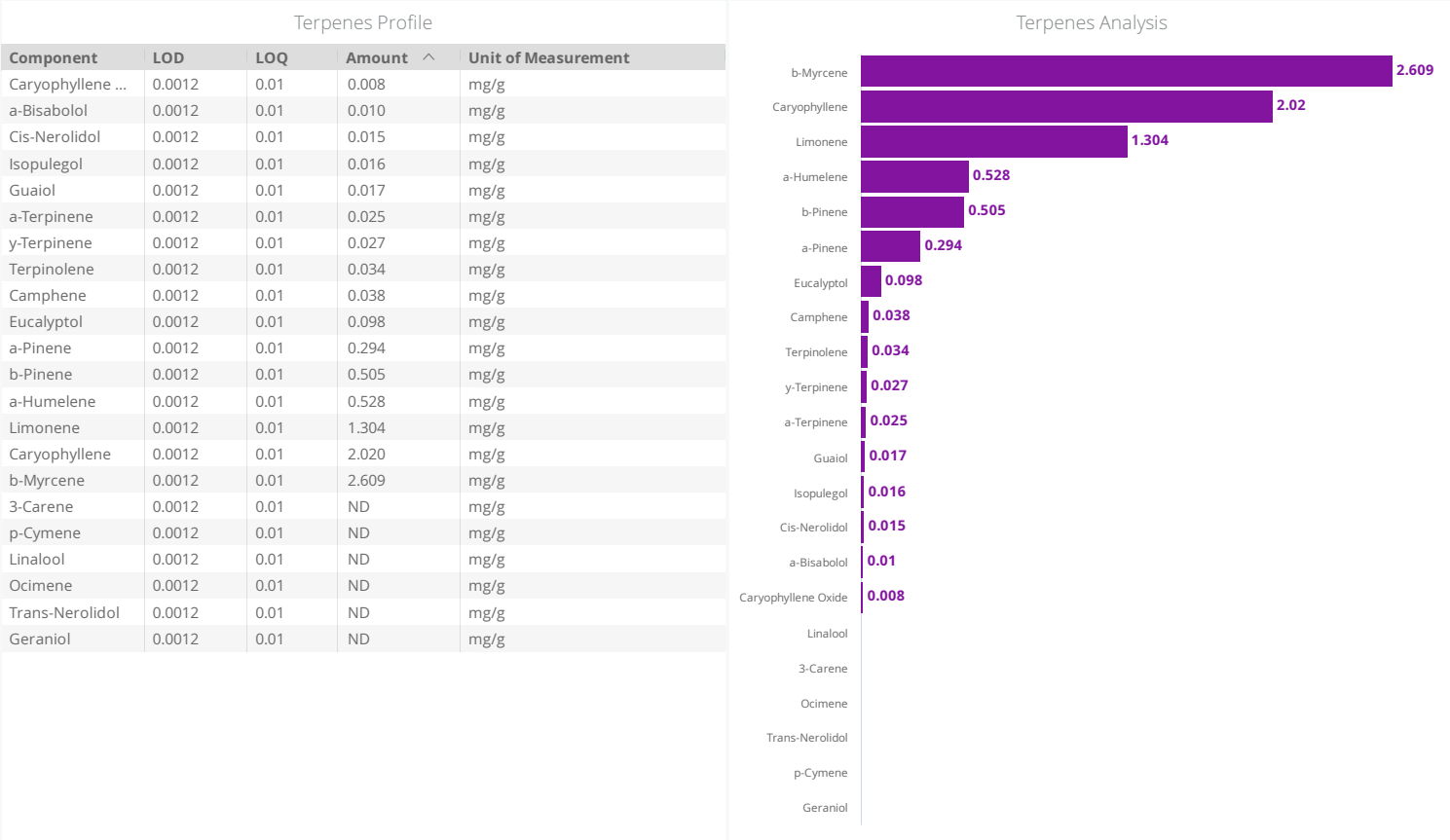
CBDA	216.351
THCA	6.603
CBD	6.222
CBGA	4.094
CBDVA	1.202
D9-THC	1.123
D8-THC	1.089
CBC	0.487
CBG	
CBN	
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TERPENES



HEAVY METALS

Heavy Metals Profile				Solvents Profile			
Component	LOD	LOQ	Amount (ppb)	Component	LOD	LOQ	Amount (ppm)
Chromium	10	20	ND	Benzene	0.05	0.7	ND
Arsenic	10	20	ND	Butane	1000	2000	ND
Selenium	10	20	ND	Ethanol	10	50	ND
Silver	10	20	ND	Heptane	10	50	ND
Cadmium	10	20	ND	Hexane	5	10	ND
Barium	1000	3000	ND	Propane	1000	2000	ND
Mercury	10	20	ND	Toluene	10	50	ND
Lead	10	20	ND	Xylenes	10	20	ND

MICROBIALS

Microbials Profile			Mycotoxins Profile			
Impurity	Action Limit (CFU/g)	Pass / Fail	Component	LOD	LOQ	Amount (ppb)
Aerobic	> 100,000	Pass	Aflatoxin B1	8	20	ND
Aspergillus	> 10,000	Pass	Aflatoxin B2	8	20	ND
E-Coli	> 100	Pass	Aflatoxin G1	8	20	ND
Salmonella	> 0	Pass	Aflatoxin G2	8	20	ND
			Ochratoxin A	8	20	ND

MYCOTOXINS



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CHEMICAL RESIDUES

Chemical Residues Profile				Chemical Residues Profile			
Component	LOD	LOQ	Amount (ppb)	Component	LOD	LOQ	Amount (ppb)
Abamectin	8	20	ND	Hexythiazol	8	20	ND
Acetamiprid	8	20	ND	Imazalil	8	20	ND
Aldicarb	8	20	ND	Imidacloprid	8	20	ND
Ancymidol	8	20	ND	Kresoxim-Methyl	20	50	ND
Azoxystrobin	8	20	ND	Malathion	10	30	ND
Bifenazate	8	20	ND	Metaxyl	8	20	ND
Bifenthrin	8	20	ND	Methiocarb	8	20	ND
Boscalid	20	50	ND	Methomyl	8	20	ND
Carbaryl	8	20	ND	Myclobutanil	8	20	ND
Carbofuran	8	20	ND	Naled	8	20	ND
Chlorantraniliprole	20	50	ND	Oxamyl	5	10	ND
Chlorpyrifos	8	20	ND	Palcobutrazole	8	20	ND
Clofentezine	8	20	ND	Permethrin	8	20	ND
Cyfluthrin	20	50	ND	Phosmet	8	20	ND
Daminozide	10	30	ND	Piperonyl Butoxide	8	20	ND
Diazinon	8	20	ND	Propiconazole	8	20	ND
Dichlorvos	8	20	ND	Pyrethrin	8	20	ND
Dimethoate	8	20	ND	Spinosad	8	20	ND
Ethephon	80	200	ND	Spiromesifen	8	20	ND
Etoxazole	8	20	ND	Spirotetramat	8	20	ND
Fenpyroximate	8	20	ND	Thiachloprid	8	20	ND
Fipronil	10	30	ND	Thiamethoxam	8	20	ND
Fludioxinil	20	80	ND	Trifloxystrobin	6	10	ND
Flonicamide	8	20	ND				
Flurprimidol	8	20	ND				

SIGNATURE OF CONFIRMATION

Conor Jenkins
Laboratory Manager

Disclaimer

Testing results are based on the sample submitted to Think20 Labs LLC in the picture and description above. Think20 Labs LLC affirms that all analytical testing was performed consistent with industry standards and in accordance with validated methods designed and verified by Think20 Labs LLC. All testing results were produced in compliance with applicable state and federal laws. This report may not be reproduced, except in full, without the written approval of Think20 Labs LLC.

Calculations

Total CBD = (CBDA *0.877)+ CBD
Total THC= (THCA *0.877) + D9-THC
D9-THC % = (Component Amount in mg / 1000)
PPM to % = ((PPM/1000)/1000)*100
Moisture Content Adjustment = (Component Amount / (1000 mg - (1000 * Moisture Correction %))) * 1000
LOQ = Limit of Quantitation
LOD = Limit of Detection
ND = Not Detected
PPB - Parts per Billion
PPM - Parts per Million